

Summary of Pre- construction Requirements prior to building, modifying or expanding a Confinement Feeding Operation

Type of Storage used	Animal Unit Capacity, Animal Units	Pre-Construction Procedure	What is being required?	Where and When to submit?
Unformed ¹ , including egg washwater storage structure	Any size, including small animal feeding operation (SAFO) ²	Construction permit required	<ul style="list-style-type: none"> • Submit application form • Meet separation distances • Pay fees • Engineering documents including soils exploration study • Master Matrix, if applicable (LINK is http://www.state.ia.us/epd/wastewtr/feedlot/masterm.htm) • Manure management plan if AUC = 501 AU or more • Storm water permit³, if applicable • Water withdrawal permit, if applicable 	<p>DNR Wastewater Construction Section Wallace Office Building 502 E 9th Street Des Moines, IA 50319 (515) 281-8941</p> <p>Note: Submit application at least 90 days before planned construction date to allow for all actions required by law to be completed.</p>
Formed ⁴	1 to 500 AU (SAFO ²)	No construction permit or MMP required. However, must comply with some pre-construction requirements	<ul style="list-style-type: none"> • Meet separation distances • Install a drain tile • Alluvial soils determination prior to construction • Storm water permit³, if applicable 	<p>Appropriate DNR Field Office (LINK to FO homepage http://www.iowadnr.com/fo/index.html)</p> <p>When: Prior to construction.</p>
Formed ⁴	501 to 999 AU (Non-permitted)	No construction permit required. However, must obtain a construction authorization from DNR.	<ul style="list-style-type: none"> • Submit construction design statement (CDS) or PE design certification and manure management plan, • Pay fees • Meet separation distances • Alluvial soils and karst soils determination • Storm water permit³, if applicable 	<p>Appropriate DNR Field Office (LINK to FO homepage http://www.iowadnr.com/fo/index.html)</p> <p>When: At least 30 days before construction</p>
Formed ⁴	1,000 AU or more and operation is below threshold engineering requirements (NEW LINK – to last page on Construction)	Construction permit required	<ul style="list-style-type: none"> • Submit application form • Pay fees • CDS or PE design certification • Submit a drainage tile certification • Meet separation distances 	<p>DNR Wastewater Construction Section Wallace Office Building 502 E 9th Street Des Moines, IA 50319 (515) 281-8941</p>

	Requirements page).		<ul style="list-style-type: none"> Alluvial and karst soils determination Master matrix, if applicable, and its supporting documents. (LINK http://www.state.ia.us/epd/wastewtr/feedlot/masterm.htm) Storm water permit³, if applicable Water withdrawal permit, if applicable (LINK http://www.state.ia.us/epd/wtrsuply/supaps/wperm.htm) 	<p>Note: Submit application at least 90 days before planned construction date to allow for all actions required by law to be completed.</p>
Formed ⁴	1,000 AU or more and operation meets or exceeds threshold engineering (NEW LINK – to last page on Construction Requirements page).requirements .	Construction permit required	<ul style="list-style-type: none"> Submit application form Engineering plans and specifications Pay fees Drainage tile certification Meet separation distances Alluvial and karst soils determination Master matrix, if applicable, and its supporting documents. (Link is http://www.state.ia.us/epd/wastewtr/feedlot/masterm.htm) Storm water permit³, if applicable Water withdrawal permit, if applicable (LINK http://www.state.ia.us/epd/wtrsuply/supaps/wperm.htm) 	<p>DNR Wastewater Construction Section Wallace Office Building 502 E 9th Street Des Moines, IA 50319 (515) 281-8941</p> <p>Note: Submit application at least 90 days before planned construction date to allow for all actions required by law to be completed.</p>

1. **Unformed manure storage structure:** a covered or uncovered impoundment used to store manure, other than a formed manure storage structure, which includes an anaerobic lagoon, aerobic structure, or earthen manure storage basin.
2. **Small animal feeding operation:** an animal feeding operation that has an animal unit capacity of 500 or fewer animal units.
3. **Storm water permit** required if one or more acres are disturbed by construction. Link to <http://www.iowadnr.com/water/stormwater/index.html>
4. **Formed manure storage structure:** a covered or uncovered impoundment used to store manure from an animal feeding operation, which has walls and a floor constructed of concrete, concrete block, wood, steel, or similar materials. Similar materials may include, but are not limited to, plastic, rubber, fiberglass, or other synthetic materials. Materials used in a formed manure storage structure shall have the structural integrity to withstand expected internal and external load pressures.